

"THE  
FREQUENCY  
FLYER"

Reserved  
For  
NEWRL

-OR-  
JUST ABOUT  
ANYBODY...

The N.E.W. Radio League  
P.O. Box 22130  
Green Bay, WI 54305-2130

PRESIDENT: Mark Olson (Alias KE9PQ)

VICE PRESIDENT: Chuck Wheeler (Alias N9IIIE)(N9IIE)

TREASURER: Mike Willis (Alias KE9QV)

SECRETARY: Todd Schmeling (Alias KE9PW)

THE 147.270 FINE CONTROL OPERATORS:

KB9ALN Andy Nemec  
KE9PW Todd Schmeling  
KE9PQ Mark Olson  
KF9DB Joe Biese  
N9IIE Chuck Wheeler

(Please Contact One Of These Fine Control Operators If You Have A Problem  
Concerning The 147.270 Repeater)

N.E.W.R.L. CALENDAR

The Net Is Each Tuesday Evening At 7:30 p.m. On The 147.270 and 145.110  
Repeaters.

N.E.W.R.L. MEETINGS Are Held The First Wednesday Of Each Month At 7:30  
p.m.

MAY 4th.....Midway Motor Lodge  
JUNE 1st.....Midway Motor Lodge  
JULY 6th.....Midway Motor Lodge  
AUGUST 3rd.....Pizza Meeting  
SEPTEMBER 7th....Midway Motor Lodge

\*\*\*\*\*FIELD DAY\*\*\*\*\*

\*\*\*\*\*June 25th\*\*\*\*\*

The N.E.W.R.L. Would Like To Welcome Our New Members (as of March 1st)

Jamie Brien	N9RPW
Lawrence Diegel	KA9TCC
Bobbie Harmon	N9UGF
Bob Richlin	NO CALL
Barb Schmeling	N9SVF
Joseph Tenor	N9UPU

I Also, Of Course, Would Like To Thank All Of The Old Members (OM's)!!  
Without All Of You, None Of This Would Be Possible!

"THANKS FOR YOUR SUPPORT"!!!

THIS IS ISSUE NUMBER ONE, OF THE N.E.W.R.L. NEWSLETTER, THE "FREQUENCY FLYER"! WE WILL BE STARTING OUT WITH A QUARTERLY PUBLICATION, AND IF ALL GOES WELL....WHO KNOWS?

ANY AND ALL INPUT TO THIS NEWSLETTER WOULD BE HELPFUL AND GREATLY APPRECIATED. OF COURSE, ANYTHING THAT IS SUBMITTED IS SUBJECT TO THE DISCRETION OF THE EDITOR. (Me)

MY NAME IS SANDY COREY  
MY CALL IS N9RDC

TO CONTACT ME WITH YOUR INPUT:

IF YOU HAVE PACKET, I AM ON 145.07  
IF I'M NOT AROUND, N9RDC-1 WILL TAKE MY MAIL

MY ADDRESS VIA THE U.S. POSTAL SYSTEM IS:  
818 MARVELLE LANE APT.C  
GREEN BAY, WI 54304

OR MY PHONE NUMBER IS: 497-4858  
(If I Am Not Available, Magoo Will Cheerfully Take A Message)

PLEASE!!! DO NOT Attempt To Contact Me On 11 Meters!  
My POWER Switch Is Super-Glued OFF!!!

#### EDITORIAL DISCLAIMER

The Opinions Expressed In The Editorials, Columns, Or Articles, Are Opinions Of The Authors Only, And DO NOT, Unless Otherwise Stated, Express Or Imply Endorsement Of The N.E.W.R.L., Or By Any Other Individual Or Organization.

THANKS!!

MY TOPTEN REASONS FOR THE N.E.W.R.L. NEWSLETTER!!

10. Something For Me To Do When Nobody Will Connect To Me On Packet.
9. A Safe Way For Me To Entertain Myself.
8. I Really Needed Something To Add To My "List Of Things To Do".
7. Somewhere Other Than Voice Or Packet For Me To Make Comments.
6. Sometimes Keeps Me From Leaving Obnoxious Messages Late At Night.
5. A Hidden Desire Within "MYSELF", Or Was That Within "ME"? Although, It Could Have Been Within "I".?.?.?
4. Gave Me An Excuse To Do A TopTen List!
3. Keeps Me From Leaving Obnoxious Beacons On Packet.(?)
2. To ImPrOvE mY KEyBoArD sKiLlS. By ThE wAy...AnYoNe NeEd A gOoD tYpIsT??

And...THE NUMBER ONE REASON FOR A NEWSLETTER IS...

1. It Is Also Useful For Starting A Fire To Earn Your Boy Scout Merit Badge!!!!!!

THOUGHTS OF UPGRAADING?

Have I Got The Locations For You!

April 9 Madison  
April 9 Oak Creek  
April 13 West Allis

\*\*\*\*APRIL 16 Ashwaubenon (High School)

April 16 Eau Claire  
April 30 Wauwatosa  
May 7 Manitowac  
May 7 Cedarburg  
May 14 Medford  
May 14 Madison  
May 14 Oak Creek  
May 18 West Allis  
May 28 Wauwatosa  
June 4 River Falls  
June 11 Marshfield  
June 11 APPLETON  
June 11 Madison  
June 11 Oak Creek  
June 11 hmmmmmmmm...Must Be, "National Amateur Test Day"  
June 15 West Allis  
June 25 Wauwatosa  
July 9 Madison  
July 9 Oak Creek  
July 9 South Milwaukee  
July 20 West Allis  
July 22 Eau Claire  
July 23 Eau Claire  
July 30 Wauwatosa

MONTHLY 1st Saturday/Racine  
(except Jan., July, and Aug.)  
MONTHLY 2nd Saturday/Madison  
            Oak Creek  
MONTHLY 3rd Wednesday/West Allis  
MONTHLY Last Saturday/Wauwatosa  
(except December)  
MONTHLY Last Saturday/Tomahawk  
(January thru October only)

UP TO THE MINUTE REPORT ON AREA SWAPFESTS!

SUNDAY, APRIL 10: 22nd Annual MARA Swapfest Held At The Dane County Exposition Center Forum Building In MADISON, WI. Admission: \$4.00 In Advance Or \$5.00 At The Door. Tables Are \$10.00 In Advance. Contact MARA P.O. Box 8890, Madison, WI 53708. Or Contact Jim, KB9AQQ, At (608)249-7579

SUNDAY, APRIL 17: Hamfest And Computer Fair In ROCKFORD, IL. Contact P.O. Box 1744, Rockford, IL 61125. Or (815)399-6995

SATURDAY, MAY 7: Lakeshore Hamfest And Computer Swapfest At Manitowac County Expo Grounds In MANITOWAC, WI. VE Testing. Registration For Exams Ends At 9:00 a.m.

SATURDAY, MAY 7: Ozaukee Radio Club will sponsor its 16th Annual Cedarburg Swapfest at the Circle-B Recreation Center, Highway 60 and County I. Contact: ORC Swapfest Chairman, W70 N1018 Hampton Court, Cedarburg, WI 53012. Or phone (414)377-7468.

SUNDAY, MAY 22: MAYFEST 94, at the DuPage County (IL) Fairgrounds. Contact: G.M.R>s. of Illinois, Inc., 2077 West Roosevelt Road, Wheaton, IL 60187. Or phone (708)690-1492.

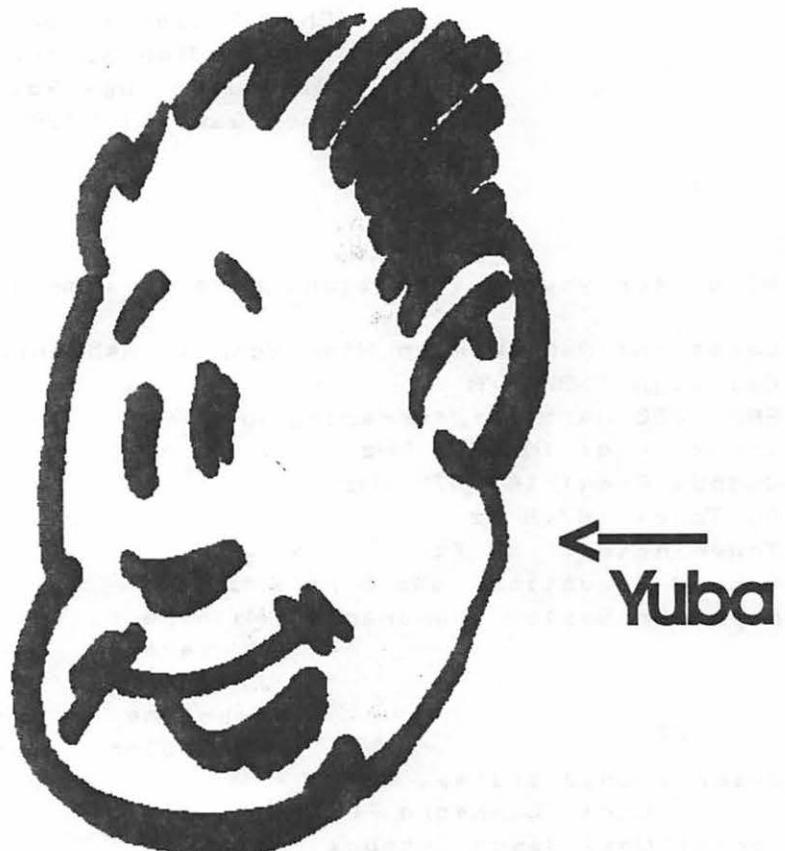
SATURDAY, JULY 9: South Milwaukee Swapfest at Oak Creek, WI. Contact: SMARC, P.O. Box 102, South Milwaukee, WI 53172. Or phone (414)762-3235 ext. 58.

SUNDAY, JULY 31: Racine Hamfest, Racine, WI. Contact: RMC, P.O. Box 3, Racine, WI. Or phone (414)554-7565.

SATURDAY, AUGUST 27: Northwoods Amateur Radio Swapfest, at Sugar Camp Town Hall, 12 miles north of Rhinelander, WI on Highway 17. Contact: Mary Berger, 367 Lois Street, Rhinelander, WI 54501. Or phone (715)362-9296.

SEPTEMBER 17-18: SUPERFEST, Peoria, IL.

A Special Thanks  
to you OM for all  
the help  
with  
the  
infamous  
AHSJC



Swapfest

## AHSTC News Update

Ashwaubenon, WI - The Ashwaubenon High School Tech Club repeater should be up around the beginning of May. All the components have arrived and they are being assembled by the fine young Ashwaubenon students, with the help of Andy, KB9ALN, and a few other helpful hams. They are also now having a membership drive, in which the club dues will be going for a new, more deluxe controller that the paid members will have access to the functions. The controller doesn't have quite as many functions as the NEWRL's RC-850 that is on the 147.270 MHz repeater in Green Bay, but it does have quite a selection. Chad, N9PAY, and Chris, N9PAW, have put together a large bulk mailing to every ham in the Green Bay area that they had addresses for. Take a look at the letter and fill out the enclosed form and support this worthy project and the Ashwaubenon students! If you didn't receive a application, and would like to help support the AHSTC Repeater, drop a note to :

Chad Stiles - N9PAY  
c/o Ashwaubenon High School Tech Club  
2391 South Ridge Road,  
Green Bay, WI 54304

Also, for your information, here is some information about the AHSTC repeater.

Location: Ashwaubenon High School, Ashwaubenon, WI

Callsign: N9PAW/R

ERP: 250 watts of screaming RF

Input Freq: 147.675 MHz

Output Freq: 147.075 MHz

PL Tone: 107.2 Hz

Tower height: 50 ft

Ground Elevation: 639.9 Ft AMSL

Repeater System Components: Main Repeater - Motorola Mo-Track (Go Batwing!)  
Duplexers - Wacom  
Antenna - Diamond F-23A (8 dB)  
Feedline - 7/8th Hardline  
Controller - Home brew

Sysops: Chad Stiles, N9PAY

Chris Lankford, N9PAW

Control Ops: Jason Engebos, N9PAY

Ryan Lardinois, N9NOK

Andy Nemec, KB9ALN

For more information about the repeater or AHSTC contact Chad, N9PAY.

73, DE Chad, N9PAY@WB9TYT.#MKE.WI.USA.NOAM

# AHSTC Users Group Application

Name \_\_\_\_\_ Call \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Macro \_\_\_\_\_ Phone (\_\_\_\_) \_\_\_\_\_ Date \_\_\_/\_\_\_/\_\_\_

Are you currently a student of Ashwaubenon High School? Y / N

Have you ever been a student of Ashwaubenon High School? Y / N

Are you currently a full-time student at another school or college? Y / N

Will you be using the cross band repeat function on any of your radios to link up with the 147.075 MHz repeater at anytime? Y / N

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What areas of ham radio are you interested in?

HF DX     VHF/UHF DX     Repeaters

ATV     Packets/digital modes

"Elmering" (helping others)     Field day

Contesting     Emergency Communications

Home brew     Swapfests     Nets

Foxhunting/RDF     Other \_\_\_\_\_

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Is there anything that you would like to see AHSTC do in the next year(s) ?

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Is there anything you would like to see changed? \_\_\_\_\_

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Here are some ideas for a new net, maybe best to have it be a once a year net tho....

The BARF net. (You need to use your own words, body parts work.)

Some of the subjects already discussed by our charter members are:

- o Teaching Code By Electroschock Therapy - Bring no-coders up to snuff, fast.
- o Getting Gypsy Cabs Off Your Repeater - Learn the language and send them for "fares" in the sleaziest part of town.
- o How to get your TVI complaining next door neighbor committed - Unique methods of driving him crazy, like Keying up by remote computer when he knows you're not home.
- o Transcripts of 14.313Mhz - 22MB of data a day.
- o Other Ham Organizations - Why do you think they call it BARF?
- o Homebrew Electronics - How to forge ground rods from your XYL's copper pots, using only your Kitchen stove.
- o Tech Ham Causes TVI - Or how I stuck a tunnel diode in my transmission line to create sub harmonics.
- o Rebuilding Surplus Gear - How to convert old 50Kw broadcast transmitters to Ham use.
- o Duck Season, Deer Season, CBer Season - New hunting permit planned in Wisconsin.

What about rules?

1. All topics must be controversial.
2. Any sign of intelligence will be immediately banned from the net.
3. No sticking to the topics.
4. If the net operator does not agree, you will be sent to 27 Mhz, with a modified Radio Shack HX-202.
5. Only check-ins with GE business band 6m all tubes allowed.
6. Q codes allowed on voice.
7. 10 codes optional.
8. OK to cross band to 27Mhz. (RX only, TX optional at your own risk)
9. OK to make up new rules while net is in progress. (Only Net Operator)
10. OK to key down until time-out if you don't have anything to add to the net.

--- EOF ---

An Article I Spotted In The Green Bay Press-Gazette, I Found It Interesting; And Thought Some Others Might Also...

# She called for help on the computer; he saved her life

FREDERICKSBURG, Va. (AP) — A Virginia college student was credited with saving the life of a suicidal woman in Denver who was begging for help on a computer network.

"Please anybody, talk to me," was the message Chris Glover read when he tapped into Internet on Thanksgiving eve. "I went to the top of the fire escape.... I wanted to jump. Please talk to me, I'm not playing."

Glover, a Mary Washington College senior, typed: "This is Chris. I'm here."

For the next two hours from his townhouse in Fredericksburg, Glover and the 18-year-old University of Denver student sent messages.

The woman, a diabetic, said she was taking a new medicine and thought something might be wrong with it, he said.

"I just kept talking to her," Glover said.

Eventually, the woman told Glover she was in the computer lab in the engineering building on campus. Glover alerted campus security.

He called back several times to find out what had happened and was finally told that the suicidal student had been found.

Campus security Officer Mickey Harris said Friday the woman had been hospitalized and was getting counseling.

She was depressed, and her diabetes was "acting up," Harris said.

When Glover returned to his computer Friday there was a message from Bob Stocker, director of academic computing at the University of Denver.

It said: "I thought you'd like to know your call may have prevented a catastrophe....

"I'm sure you've made someone else's Thanksgiving a lot happier than it might have been otherwise."

JUST A THOUGHT...

Besides Any Valuable Input You Could Pass Along To Me For The Newsletter, I Would Like To Include A Small Section With Our Members Birthdays And/Or Anniversary Of Getting Their Amateur Radio License. (Of Course, The Year Of Either Is Optional)

I Would Also Like To Have A Comment Section, Where You Can Leave A Nice Or Nasty (yet fit for printing), Comment To Another Club Member.

EXAMPLE:

N9PAY: Can I Turn My Porch Light Off Yet?...N9RDC

N9PAW: Where Is That Camera When I Need It?...N9RDC

K9BALN: HELP!!!!...N9RDC

N9IIE: Does Your "Pocket Computer" Have A Mailbox?...N9RDC

K9PQ: WATT Exactly Is Your Rate Of Speed At A SwapFest?...N9RDC

N9PAV: Pass Another Vodka? Are You 18 Young Man?...N9RDC

N9OLY: "BE CAREFUL!!! SLOW DOWN!!!!...N9RDC

WB9NRK: We Ought To Have A Contest Sometime, To See Who Washes More Dishes...N9RDC

K9GKC: So, Where Exactly Did Your Baggage Containing The "Tall, Dark And Handsome", You Promised Me, From Hawaii, End Up?...N9RDC

N9CFN: Sorry I Haven't Left You Any Confusing Messages, In The Wee Morning Hours, Lately...I Know How Much You Enjoyed Them...:::...N9RDC

K9PW: Can I Get Your Opinion On This...Is This Newsletter For Just About Anybody?...N9RDC

Enough Examples! See How Much Fun I Had Doing That? You Can Either Mail Them To Me, Or Phone Them, Or Packet Them...

Of Course, While You Are Sending Your Comments, Why Not Include Your Birthday And Amateur License Anniversary?

I Am Even Including A Handy Form You Can Use To Put Your Information On!

NAME & CALL SIGN:-----

BIRTHDAY (Year Is Optional):-----

LICENSE ANIV.:-----

COMMENTS TO?-----

THANKS!

QUESTION #1:

WHICH SWAPFEST WAS THIS PHOTO TAKEN AT?

QUESTION #2:

WHO IS THIS YOUNGSTER? YOU GUESS WHO!



TOP TEN REASONS WHY PACKET RADIO SHOULD BE THE ONLY MODE ALLOWED FOR NEW AMATEURS THE FIRST YEAR OF OPERATION.

1. Get new role models for proper ham etiquette.
2. Have an opportunity to receive the AB4YP BI AWARD [Been Insulted by AB4YP]
3. Count how many hams are little DITTO HEADS.
4. Receive proper diet instruction from bulletins addressed to RECIPE.

More? (Y,n,c) Y

5. Avoid FCC prohibition against advertising by belonging to the biggest advertising system in ham radio.
6. Get new bulletins favoring NO CODE LICENSES for your CW practice.
7. Subscribe to BBS PROGRAM OF THE MONTH.
8. Test your OLD CGA monitor by viewing ancient ANSI COLOR bulletins.
9. Get TOP TEN reasons why CLINTON should let HILLARY run the country.

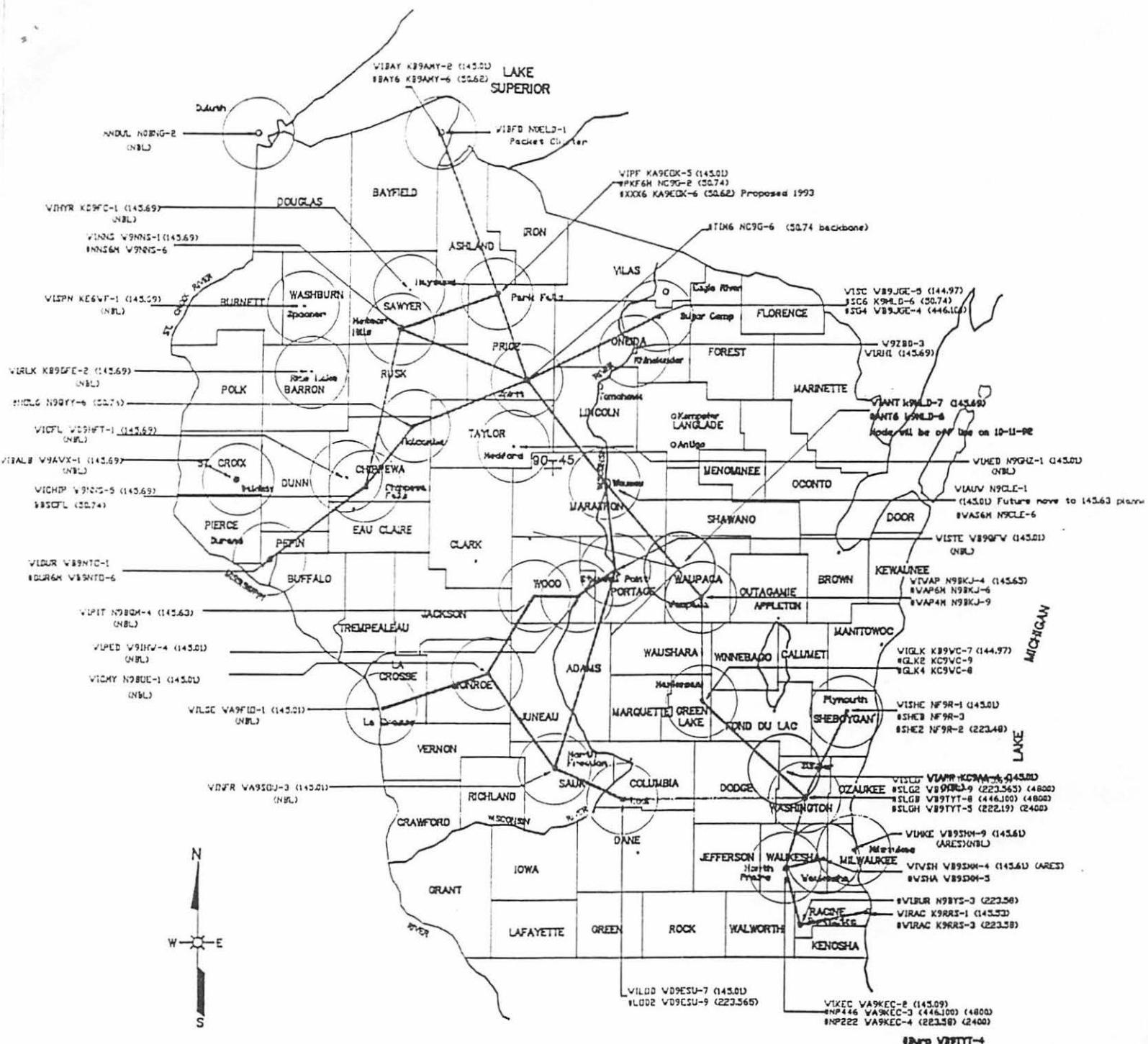
....And the 10th reason why PACKET RADIO should be the only mode allowed by new amateurs for the first year of operation:

10. Teaches new hams the value of voice communication!

More? (Y,n,c) Y

Respectfully submitted by Kent W9LZQ @ AA9AW.#WWI.WI.USA.NA

\*\*\* END OF MSG # 24818 from W9LZQ @ AA9AW.#WWI.WI.USA.NA  
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STATE OF WISCONSIN

## WAPR PACKET BACKBONE NETWORK

K9MLD 7/26/93

"WEATHER SPOTTING" UPDATE

On March 17th, 1994 The Green Bay Mike and Key club sponsored a training and organizational session for the new "SYWARN" program held at St. Norbert's college. A lot of interested Hams learned a great deal about the proper identification and reporting of dangerous storms from Mark Moede, meteorologist at the National Weather Service. He fielded a number of questions afterward, and we all walked away from the session a lot wiser about the formation and reporting of severe storms.

I also spoke about our revitalization of the program. Many of you have participated in the program when it was known as NEWAS. Although the program has a new name, our task and methods will be just about the same as it has always been. But this year we have a special goal - to be so good at what we do that our program is of "Model" quality. We also took the names of volunteers for the jobs of Brown County Emergency Coordinator, NWS Net Control operators, and Brown County Emergency Net control operators. Our program is off to a good start, and hope to prepare for the coming years when we will handle the additional responsibilities of taking reports from 22 counties.

Scott, KB9AMM and I will be co-liasons between the National Weather Service and the Ham community. We will be working closely on improving the training and operation of the program. If you have any questions on the program, please feel free to contact Scott or myself and we will be pleased to answer them or help you get involved.

Special thanks go to Mark Moede of the NWS, Ken N9LSX, Earl KB9DSV, Chad, N9PAY (for videotaping) and certainly to all the hams that took the time to be trained! Your participation is valued by not only the Ham community, but also by the public.

73, Andy KB9ALN

"EQUIPMENT EXTRA"  
Via KE9PQ

TUBE REVIEW

by K0DEW, Bill Wheeler

There was a time, when new/old stock and JAN tubes became scarce causing some of us that use 811A's to be horrified at the prospect of finding suitable replacements. The reliability of some foreign manufactured power tubes were certainly something less than desirable. Some just self-destructed when high voltage was applied! It is this amateur's opinion that this condition has changed for the better.

PRIDE Tubes, located in Huntsville, Alabama, is offering RF power tubes that are tested in actual sets before the tubes are sent to the customer. Last spring at the Dayton Hamvention, I was asked by the fellows from PRIDE if I would use a set of tubes in my Collins 30L1 and then share my results with other Collins users. I agreed to do so with two conditions, first, they must send me four tubes from off their shelf - I did not want the ones they had brought to Dayton for "show and tell". Second, I would test and misuse the tubes any way I saw fit; they would be used as the majority of hams would use them - by operating them on the air.

During the next nine months, I gave the PRIDE tubes the toughest workout in my 30L1 that I could without deliberately attempting to destroy them. One of the operating parameters used was to tune the 30L1 at 14.175 Mhz and call the Collins Net on 14.263. I am told by DXers and contesters that this condition will sometimes exist in the "heat of battle". Another "mean" thing that I did was to cycle the ON-OFF switch on the amplifier. This was done on 75 meters because these fellows have seen and done about everything in ham radio. Only occasionally was I informed that my signal was going from S8 to 20 over, most of the gang just passed it off to rapid QSB.

After nine months of this rather foolish operation, the 30L1 using PRIDE tubes has had full output on all bands and there are no signs that the tubes have deteriorated in any way. It is very refreshing to find a radio supplier that knows what Collins owners need and have attempted to produce a product to meet our needs.

If you are looking for 811As or 572Bs that have been RF tested before they find your shack, give PRIDE Tubes a call at (800) 638-3925 or write PRIDE Tubes, 8200 South Memorial Parkway, Suite C, Huntsville, AL 35802. Your Collins will be glad you did!!

## "TIDBITS OF INFORMATION"

### PROPER REPEATER OPERATING PRACTICES:

1. Monitor the repeater to become familiar with any peculiarities in its operation.
2. To initiate a contact, simply indicate that you're listening on the frequency.
3. IDENTIFY legally; at the end of each contact and every 10 minutes in between.
4. Pause between transmissions. This allows other hams to use the repeater (someone may have an emergency).
5. Keep transmissions short and thoughtful.
6. Use SIMPLEX whenever possible, so others can use the repeater.
7. Use the minimum amount of power necessary to maintain communications.
8. Don't break into a conversation unless you have to add. Do NOT use the word "break", as that is reserved for emergencies.
9. Autopatch should not be used to avoid a toll call.
10. ALL REPEATERS ARE ASSEMBLED AND MAINTAINED AT CONSIDERABLE EXPENSE AND EFFORT! Regular users of a machine support the effort of keeping it on the air.

### BAND PLANS:

"Band Plan" refers to an agreement among concerned radio amateurs for operating within a certain portion of the radio spectrum. The goal is to minimize interference among the various modes sharing each band by setting aside certain sections of a band for each different operating mode.

I have included in this Newsletter a copy of both the VHF/UHF and HF Band Plans. Seeing as how they are copied in black and white, you will have to color your own. I have taken the opportunity to color code them for you though (color by mode). Any questions concerning the color coding may be directed to me...Any further questions on the Band Plans, should be directed to just about anyone other than me. Thanks...and Have Fun!